

1-28-02

PTO/SB/05

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## UTILITY PATENT APPLICATION TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATION

Attorney Docket No.: 010374

Date: January 24, 2002

Express Mail Label No.: EL 903 006 815 US

Customer No.: 023696

Bar Code

Label:

**\*23696\*****23696**

PATENT TRADEMARK OFFICE

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Jeremy M. Stein, Ivan J. Fernandez-Corbaton, Roland R. Rick, Borislav Ristic, Ashok Bhatia and  
Messay AmergaFor: PARAMETER ESTIMATOR WITH DYNAMICALLY VARIABLE INTEGRATION TIME

Enclosed are:

1. ☒ Patent application (34) total pages.
2. ☒ Drawings: ☒ Formal (14) sheets or ☐ Informal ( ) sheet(s).
3. ☒ Declaration/Power of Attorney: ☒ Signed ☐ Unsigned
4. ☒ An Assignment (7) pages and Recordation Form Cover Sheet.
5. ☐ A Preliminary Amendment ( ) pages.
6. ☐ Information Disclosure Statement (IDS):
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations (number of citations: 1)
7. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	54- 20	34	x \$18 =	\$612.00
Independent**	8 - 3	5	x \$84 =	\$420.00
Multiple Dependent Claim(s): <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes			\$270	\$270.00
APPLICATION FILING FEE			\$740	\$740.00
			TOTAL FEE	\$2042.00

\*If the number in column a is less than 20, enter 0 in column b.

\*\*If the number in column b is less than 3, enter 0 in column b.

8. ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
9. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$2042.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
10. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: January 24, 2002Signature: Bruce W. Greenhaus, Reg. No. 37,339  
(858) 651-6399QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-1179  
Facsimile: (858) 658-2502

010374

PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
Stein, et al.

For: PARAMETER ESTIMATOR  
WITH DYNAMICALLY VARIABLE  
INTEGRATION TIME

Serial No.: UNKNOWN

Group Art Unit: UNKNOWN

Filed: HERewith on January 24, 2002

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Commissioner of Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

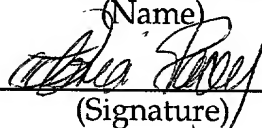
Dear Sir:

"Express Mail" mailing label No. EL 903 006 815 US  
Date of Deposit January 24, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Box Patent Application, Washington, D.C. 20231. Enclosed herewith are the following documents: TRANSMITTAL LETTER; PATENT SPECIFICATION IN 34 PAGES, FORMAL DRAWINGS IN 14 pgs COMBINED DECLARATION AND POWER OF ATTORNEY IN 6 PAGES; ASSIGNMENT IN 7 PAGES; RECORDATION COVER SHEET IN 1 PAGE; and POSTCARD.

Victoria J. Pacey

(Name)

  
(Signature)

QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-6399  
Facsimile: (858) 658-2502